SEQUENCE LISTING

	Conklin, Darrell C. Gao, Zeren Lofton-Day, Catherine E. Whitmore, Theodore E.	
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cca cgt agc	aat tac ctg cac ttt caa gaa gag aaa caa cga cta cac	327

Pro	Arg	Ser	Asn	Tyr 30	Leu	His	Phe	Gln	G1u 35	Glu	Lys	Gln	Arg	Leu 40	His	
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-	aat Asn	_	-	-		_	_	_	_			_				423
	tca Ser 75															471
	atc Ile						_							-	_	519
	ctc Leu			_			-			-		-				567
	gta Val						_				_					615
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_	cag Gln		_		-							-				807

Gln Val Ala Pro Asp Leu Leu Pro Glu Gln Ile Ile Lys Tyr Leu 205 210 215	855
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cct tca cgt ttc tag gattgagagg gataatgtgc ccatgtctct taaggagttt Pro Ser Arg Phe * 250	1006
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Thr	Lys	Gly 195	Pro	Gly	Asp	Asn	Leu 200		Gln	Val	Ala	Pro 205	Asp	Leu	Le	eu	
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gto Va ⁻ 5	cat His	aat S Asr	cgg Arg	aag Lys	ggc Gly	Ser	aaa Lys	a aag s Lys	g caa Glr	a tti n Phe 19	e Glr	a gto n Va ⁻	g ga [.] I As _i	t cc p Pr	o L	:tt .eu 20	165
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Val	Gly	Tyr 55	Ile	G1n	Gly	Asn	Thr 60	Glu	Lys	Lys	Asp	11e 65	Ser	G1u	Tyr	
	~ ~		_		_			_			cat His 80			•		357
0		-		~		•			_		ttt Phe	~				405
	_			-							cta Leu			_	_	453
	_	_		-							aac Asn					501
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											acc Thr	_				645
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Val Asp Pro Leu Leu Leu Pro Lys Val Pro Arg Thr Asn Tyr Leu His	; ;
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Arg Met Phe Leu Val Gly Tyr Ile Gln Gly Asn Thr Glu Lys Lys Asp 50 55 60)
Ile Ser Glu Tyr Tyr Glu Gln Leu Phe Gln Ser Ile Leu Lys His His 65 70 75 80	>
Leu Gly Glu Ser Val Thr Gly Leu Met Leu Val Tyr Pro Ser Thr Phe 85 90 95	ž
Leu His Ile Leu Glu Ser Ser Asn Gly Thr Leu Phe Arg Ile Leu Leu 100 105 110	J
Asp Tyr Val Ala His Glu Lys Ser Glu Thr Glu Phe Met Leu Gln Asr 115 120 125	1
Met Lys Ile Val Val Ala Ser His Asn Ile Pro Thr Arg Leu Phe Met 130 135 140	-
Gln Trp His Ile Ser Ala Ile Lys Val Pro Val Leu Tyr Leu Asp Asp 145 - 150 155 160	
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Leu Pro Glu Gln Ile Ile Lys Tyr Leu Cys Lys Ala Glu Glu Phe Met
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                                            220
Asp Pro Ala Ser Phe Leu Ser Met Tyr Asn Arg Pro Ile His Val Thr
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cayytnaara arttyytnyt ngaymgnatg ttyytngtng cnaarathca rgcnaaygtn
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garwsnwsnw sngayacnyt ntayaargtn ytnytngayt ayathggnca ygtnaargay
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mgnytnttya tgcartggca ygtnwsngtn athaargtnw sngtnatgta yytngaygay
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gtnacncarw sncarwsnyt naargargtn athacngayt tyytnacnca racncayaar
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ytnwsnytnt ayytntgyca racnatgaar gtnggnacna arggnccngg ngayaayytn
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caycarging encengayyt nytnytneen garcaratha thaartayyt nigyaarwsn
                                                                       660
gargarttya tggayccngc nachttyath aayatgtaya aymgncchat hcayathach
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            100
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Asp Tyr Ile Gly His Val Lys Asp Glu Thr Val Phe Phe Ile Gln Gln
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